Abstract of the Disclosure

A frame-based communications system with selectable retry strategy including a controller that programs a retry strategy field of a frame descriptor of a frame, where the retry value indicates a selected one of a normal retry count, an alternative retry count, and

5   at least one "no retry" option. The system includes a transceiver that attempts retransmission of the frame up to as many times indicated by a selected retry count or until expiration of a frame transmit duration, or that does not attempt retransmission if the retry value indicates no retry. The no retry options may include treating the first attempt as successful or returning an unsuccessful attempt as a failure. The frame itself may be

10   programmed with a request to not acknowledge a successfully received frame to recapture the time normally allocated to acknowledgement frames. The transceiver may include acknowledgement logic that is configured to suppress an acknowledgement frame.